



Replacement Sheet
Sheet 1 of 4
Appl. No. 09/841,187; Filed: Apr 25, 2001
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For: Method and System for Improving Focus Accuracy in a
Lithography System

FIG. 1

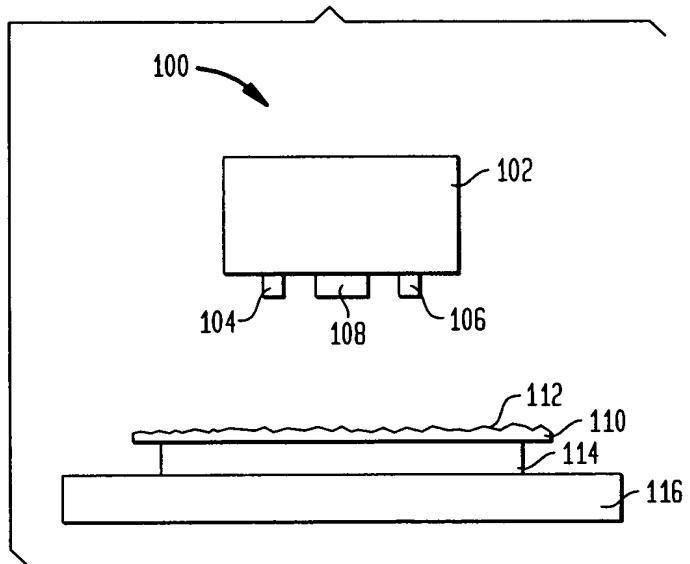
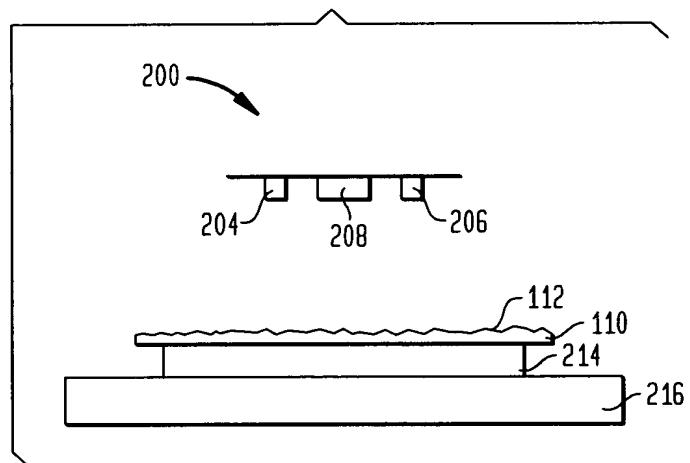


FIG. 2



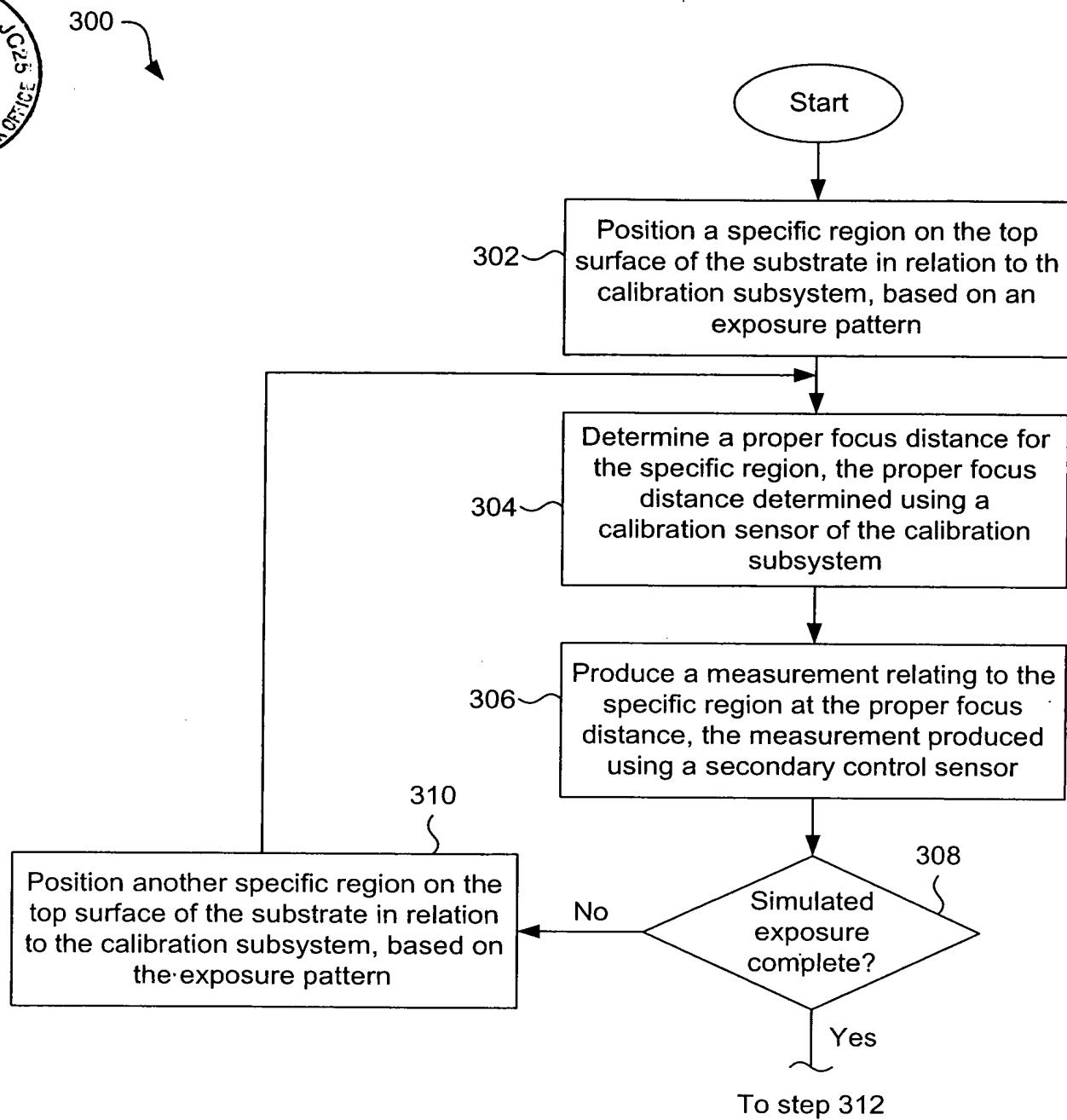


FIG. 3A

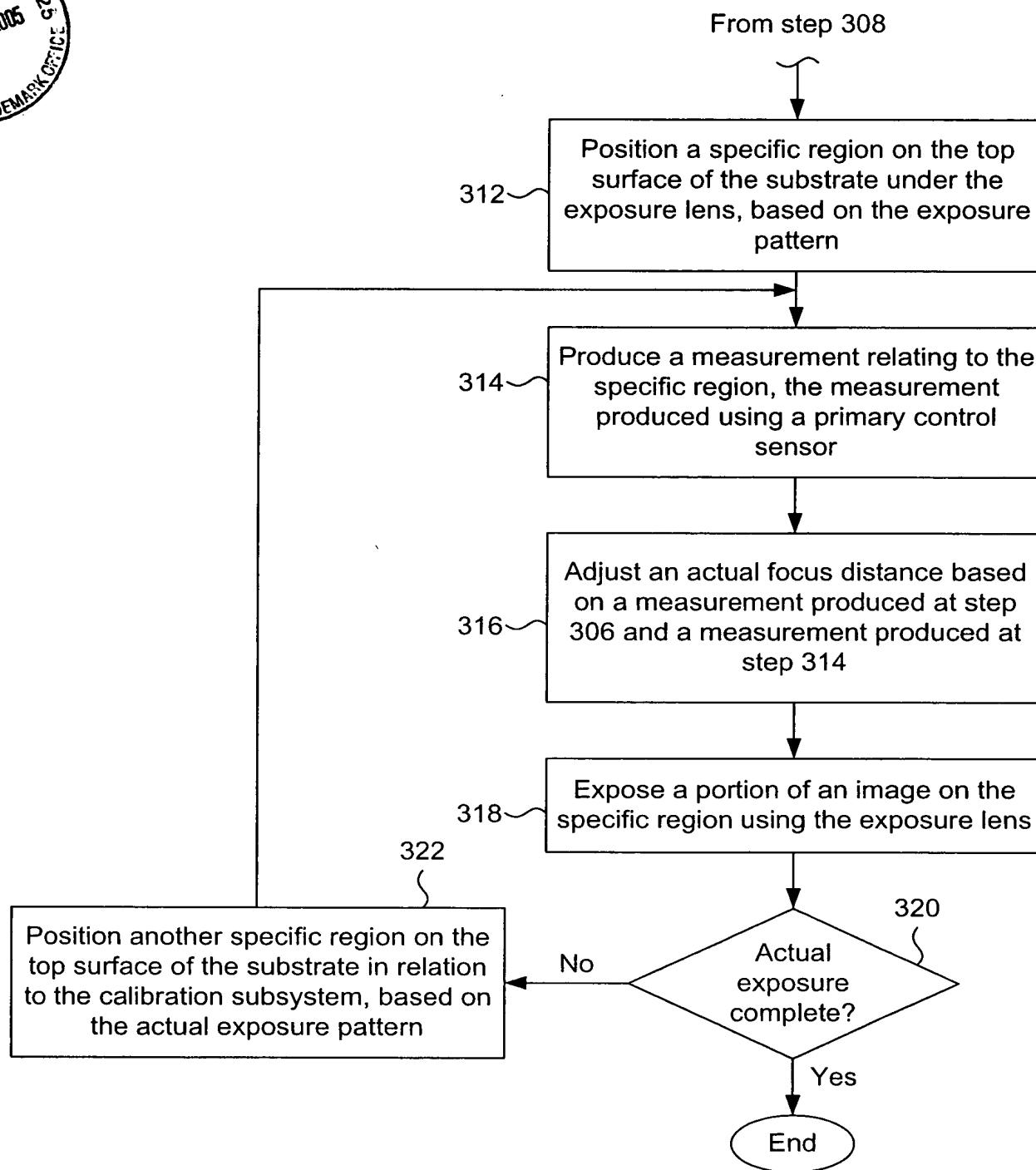


FIG. 3B



402		404		406		406a		406b		406n	
X/Y Coordinates	Calibration Sensor Value (optional)		Control Sensor A Value		Control Sensor B Value		Control Sensor A Value		Control Sensor B Value		Control Sensor N Value
$X_1 Y_1$	Calibration _{1,1}	Control A _{1,1} (i.e., x=1, y=1)		Control B _{1,1}			Control A _{1,1}		Control B _{1,1}		Control N _{1,1}
$X_1 Y_2$	Calibration _{1,2}	Control A _{1,2} (i.e., x=1, y=2)		Control B _{1,2}			Control A _{1,2}		Control B _{1,2}		Control N _{1,2}
$X_1 Y_3$	Calibration _{1,3}	Control A _{1,3} (i.e., x=1, y=3)		Control B _{1,3}			Control A _{1,3}		Control B _{1,3}		Control N _{1,3}
•	•	•	•	•	•		•	•	•	•	•
$X_2 Y_1$	Calibration _{2,1}	Control A _{2,1}		Control B _{2,1}			Control A _{2,1}		Control B _{2,1}		Control N _{2,1}
$X_2 Y_2$	Calibration _{2,2}	Control A _{2,2}		Control B _{2,2}			Control A _{2,2}		Control B _{2,2}		Control N _{2,2}
$X_2 Y_3$	Calibration _{2,3}	Control A _{2,3}		Control B _{2,3}			Control A _{2,3}		Control B _{2,3}		Control N _{2,3}
•	•	•	•	•	•		•	•	•	•	•
$X_3 Y_1$	Calibration _{3,1}	Control A _{3,1}		Control B _{3,1}			Control A _{3,1}		Control B _{3,1}		Control N _{3,1}
$X_3 Y_2$	Calibration _{3,2}	Control A _{3,2}		Control B _{3,2}			Control A _{3,2}		Control B _{3,2}		Control N _{3,2}
$X_3 Y_3$	Calibration _{3,3}	Control A _{3,3}		Control B _{3,3}			Control A _{3,3}		Control B _{3,3}		Control N _{3,3}
•	•	•	•	•	•		•	•	•	•	•

FIG. 4